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Dated: December 29, 2006

Signature:

(Rebecca Butler-Guinan)

Docket No.: 68349-00010USPX  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Carles Puente Baliarda et al.

Application No.: 10/822,933

Confirmation No.: 4450

Filed: April 13, 2004

Art Unit: 2821

For: LOADED ANTENNA

Examiner: Michael C. Wimer

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application in accordance with 37 CFR 1.98(a)(2). Applicant submits herewith copies of any cited non-patent documents and foreign patent documents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material

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information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Our check in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 10-0447, under Order No. 68349-00010USPX. A duplicate copy of this paper is enclosed.

Dated: December 28, 2006

Respectfully submitted,

By 

Stanley R. Moore

Registration No.: 26,958

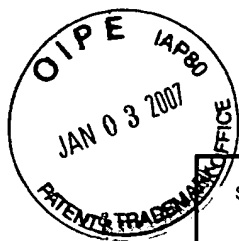
JENKENS & GILCHRIST, A PROFESSIONAL  
CORPORATION

1445 Ross Avenue, Suite 3700

Dallas, Texas 75202

(214) 855-4500

Attorneys For Applicant



ALTERNATIVE TO PTO/SB/08A/B (09/06)

<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/822,933
				Filing Date	April 13, 2004
				First Named Inventor	Carles Puente Baliarda
				Art Unit	2821
				Examiner Name	Michael C. Wimer
Sheet	2	of	2	Attorney Docket Number	68349-00010USPX

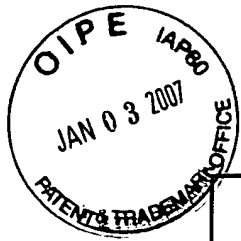
U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code <sup>2</sup> (if known)		
	A1*	US-20040056804	03-25-2004	Kadambi et al.
	A2*	US-20040095281	05-20-2004	Poilasne et al.
	A3*	US-20040119644	06-24-2004	Puente-Baliarda et al.
	A4*	US-4,072,951	02-07-1978	Kaloi
	A5	US-5,847,682	12-08-1998	Ke
	A5*	US-5,929,825	07-27-1999	Niu et al.
	A8*	US-6,166,694	12-26-2000	Ying et al.
	A9*	US-6,268,831	07-31-2001	Sanford
	A10*	US-6,268,836	07-31-2001	Faulkner et al.
	A11	US-6,329,962	12-11-2001	Ying
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	A13*	US-6,343,208	01-29-2002	Ying et al.
	A14*	US-6,362,790	03-26-2002	Proctor, Jr. et al.
	A15*	US-6,408,190	06-18-2002	Ying et al.
	A16*	US-6,459,413	10-01-2002	Tseng et al.
	A17*	US-6,535,175	03-18-2003	Brady et al.
	A18*	US-6,657,593	12-02-2003	Nagumo et al.
	A19*	US-6,680,705	01-20-2004	Tan et al.
	A20*	US-6,717,551	04-06-2004	Desclos et al.
	A21*	US-6,756,946	06-29-2004	Deng et al.
	A22*	US-6,864,854	03-08-2005	Dai et al.
	A23*	US-7,019,695	03-28-2006	Cohen

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		
	B1	WO-01/78192	10-18-2001	Research In Motion Ltd	
	B2	WO-02/35652	05-02-2002	Ace Technology	
	B3	WO-03/034544	04-24-2003	Fractus, SA	
	B4	WO-2004/027922	04-01-2004	Centurion Wireless Technologies, Inc.	
	B5	WO-01/08257	02-01-2001	Avantego AB	

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	DENG, Sheng-Ming, "A T-Strip Loaded Rectangular Microstrip Patch Antenna for Dual-Frequency Operation", IEEE AP-S International Symposium and USNC/URSI, July 11-16 1999, 5 pages	<input type="checkbox"/>
Examiner Signature			Date Considered

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ALTERNATIVE TO PTO/SB/08A/B (09/06)

<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
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				Art Unit	2821
				Examiner Name	Michael C. Wimer
Sheet	2	of	2	Attorney Docket Number	68349-00010USPX

	C2	CASTANY, Jordi Soler, "Novel Multifrequency and Small Monopole Antenna Techniques for Wireless and Mobile Applications", Dissertation, Electromagnetics and Photonics Engineering Group, Fractus, December 2004	
	C3	KANDOIAN, Armig G., "Three New Antenna Types and Their Applications", Waves and Electrons, February 1946, pages 70-75,	
	C4	DOU, Weiping et al., "Small Broadband Stacked Planar Monopole", Microwave and Optical Technology Letters, vol. 27, no. 4, November 20, 2000, pages 288-289	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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